FIBER ORGANON

Volume 63, No. 3 ☐ March 1992

A publication of *Fiber Economics Bureau, Inc.*

Highlights

- Manufactured Fiber Producing Industry Employment in Selected Countries... see page 47.
- 1991: A Year in Perspective...begins on page 48.
- Quarterly Manufactured Fiber Data...see pages 62 - 63.

SHIPMENTS:

In February, total manufactured fiber shipments reached 701 million pounds, 4% below the 728 million pounds shipped in January and 13% above the 618 million pounds shipped in February 1991.

February shipments of synthetic (noncellulosic) filament yarn fell 3% to 340 million pounds and staple+tow fell 5% to 322 million pounds.

Contributing to the decrease in shipments over the previous month were nylon textile yarn down 14% or 5 million pounds, nylon staple+tow down 11% or 8 million pounds and nylon industrial yarn down 2 million pounds or 8%.

Year-to-date domestic shipments of manufactured fiber are up 13% and exports are down 15%.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1992 FEB	1992 JAN	% CHG 2/92 - 1/92	1991 FEB	% CHG 2/92 - 2/91	YEAR TO DATE 1992	YEAR TO DATE 1991	% CHG YTD 1992 - 1991
ARTIFICIAL (CELLULOSIC)								
YARN	17.9	16.8	*+6.5*	16.4	*+9.1*	34.7	31.2	*+11.2*
RAYON STAPLE	21.0	23.0	*-8.7*	16.2	*+29.6*	44.0	36.6	*+20.2*
TOTAL ARTIFICIAL (CELL.)	38.9	39.8	*-2.3*	32.6	*+19.3*	78.7	67.8	*+16.1*
SYNTHETIC (NONCELL.)								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	23.2	25.2	*-7.9*	28.1	*-17.4*	48.4	57.3	*-15.5*
- CARPET	77.4	81.8	*-5.4*	54.5	*+42.0*	159.2	123.9	*+28.5*
- TEXTILE [a]	29.2	33.9	*-13.9*	30.0	*-2.7*	63.1	64.2	*-1.7*
POLYESTER - INDUSTRIAL	28.7	30.4	*-5.6*	27.0	*+6.3*	59.1	52.0	*+13.7*
- TEXTILE [a]	68.0	71.2	*-4.5*	61.5	*+10.6*	139.2	129.4	*+7.6*
OLEFIN	113.5	108.7	*+4.4*	104.4	*+8.7*	222.2	207.8	*+6.9*
TOTAL YARN	340.0	351.2	*-3.2*	305.5	*+11.3*	691.2	634.6	*+8.9*
STAPLE+TOW+FIBERFILL								
NYLON	63.7	71.4	*-10.8*	54.7	*+16.5*	135.1	121.5	*+11.2*
ACRYLIC+MODACRYLIC	33.5	35.1	*-4.6*	34.8	*-3.7*	68.6	71.3	*-3.8*
POLYESTER	186.8	195.1	*-4.3*	159.6	*+17.0*	381.9	328.2	*+16.4*
OLEFIN	38.1	35.7	*+6.7*	30.9	*+23.3*	73.8	65.6	*+12.5*
TOTAL STAPLE	322.1	337.3	*-4.5*	280.0	*+15.0*	659.4	586.6	*+12.4*
TOTAL SYNTHETIC (NONCELL.)	662.1	688.5	*-3.8*	585.5	*+13.1*	1350.6	1221.2	*+10.6*
TOTAL MANUFACTURED FIBER	701.0	728.3	*-3.7*	618.1	*+13.4*	1429.3	1289.0	*+10.9*
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS [b]	663.5	689.8	*-3.8*	573.4	*+15.7*	1353.3	1199.9	*+12.8*
EXPORTS [c]	37.5	38.5	*-2.6*	44.7	*-16.1*	76.0	89.1	*-14.7*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

March 1992

Fiber Organon

A Monthly Review

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GRAPH 1:
MANUFACTURED FIBER PRODUCING INDUSTRY EMPLOYMENT IN SELECTED COUNTRIES

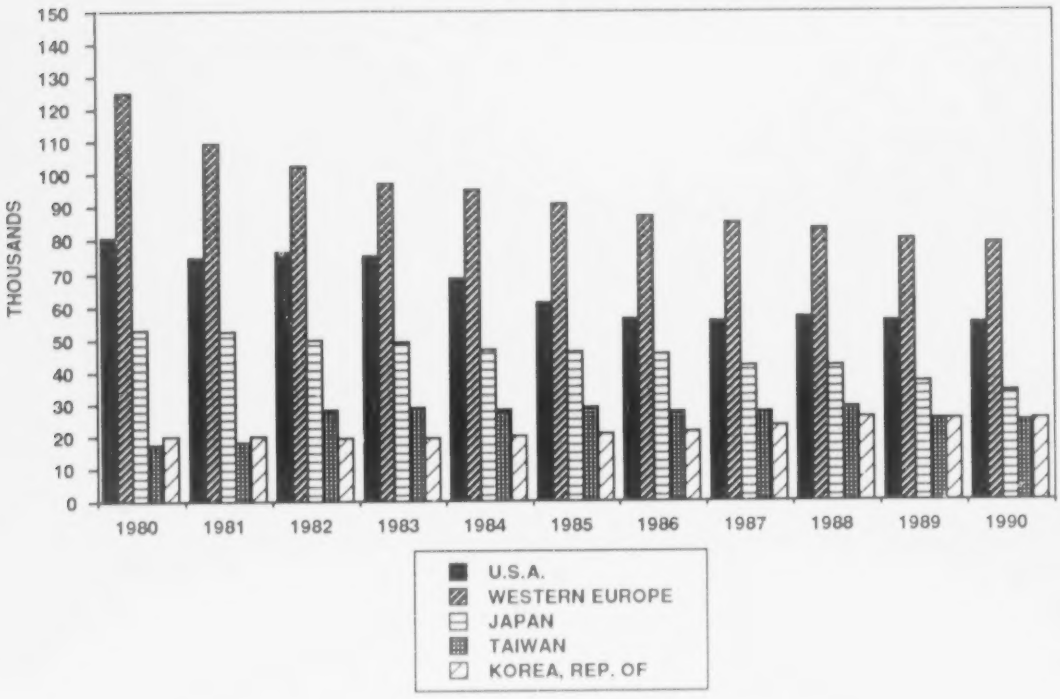


TABLE 2:
MANUFACTURED FIBER PRODUCING INDUSTRY EMPLOYMENT IN SELECTED COUNTRIES

YEAR	COUNTRY				
	U.S.A.	WESTERN EUROPE	JAPAN	TAIWAN	KOREA, REP. OF
1980	81,000	124,965	53,105	17,500	19,885
1981	74,800	109,837	52,130	18,005	19,745
1982	76,511	102,865	49,695	28,065	19,220
1983	75,418	97,425	49,200	28,575	19,230
1984	68,184	95,290	46,885	27,785	19,830
1985	61,158	90,700	46,195	28,375	20,325
1986	55,876	87,360	45,235	27,110	21,055
1987	55,690	85,385	41,570	27,600	23,335
1988	56,697	83,308	41,559	28,365	25,345
1989	55,562	83,177	36,831	24,839	25,205
1990	54,897	79,146	33,301	24,330	25,183

SOURCE: C.I.R.F.S., Taiwan Man-Made Fiber Industry and *Fiber Organon* estimate
NOTE: Data include production, administration and technical department personnel

1991: A YEAR IN PERSPECTIVE

In 1991, U.S. mill consumption of manufactured fiber increased slightly. This increase in annual consumption compares to cotton mill consumption which rose by 8% and an increase of 22% in the wool mill consumption. (Graph 2)

The reason for the increase in manufactured fiber mill consumption was an increase in polyester consumption of 9% in 1991.

In comparing the total 1991 mill consumption for manufactured fiber, cotton and wool, cotton registered an increase in market share over manufactured fiber. In 1991, the manufactured fiber share of total mill consumption fell to 66%, while cotton rose to 33% and wool stood the same at 1%. (Table 4)

In 1991, exports of manufactured fiber, cotton and wool manufactures rose to 1,647 million pounds, 7% above the 1990 level of 1,537 million pounds. (Table 9)

In 1991, domestic consumption of manufactured fiber totaled 9,889 million pounds, a slight increase from 1990, cotton totaled 6,139 million pounds, an increase of 6% and wool totaled 300 million pounds, up 9%. (Table 9)

Imports of manufactures rose by 4% in 1991 to 4,593 million pounds. Imports represented 28% of domestic consumption in 1991. This compares to 28% in 1990, 27% in 1989 and 26% in 1988. (Table 9)

TABLE 3:
MILL CONSUMPTION BY FIBER
BILLION POUNDS

YEAR	RAYON	ACETATE [a]	NYLON [b]	POLYESTER	ACRYLIC [c]	OLEFIN	COTTON	WOOL	TOTAL
1981	0.5	0.2	2.2	3.5	0.5	0.8	2.7	0.2	10.6
1982	0.3	0.2	1.9	3.0	0.5	0.8	2.5	0.1	9.3
1983	0.4	0.2	2.4	3.4	0.5	1.0	2.8	0.2	10.9
1984	0.4	0.2	2.4	3.2	0.5	1.0	2.7	0.2	10.6
1985	0.5 [d]		2.6	3.1	0.5	1.4	2.8	0.1	11.0
1986	0.6 [d]		2.5	3.2	0.6	1.5	3.3	0.2	11.9
1987	0.6 [d]		2.7	3.5	0.5	1.6	3.7	0.2	12.8
1988	0.6 [d]		2.7	3.6	0.5	1.5	3.5	0.2	12.6
1989	0.6 [d]		2.6	3.6	0.5	1.7	4.0	0.1	13.1
1990	0.6 [d]		2.6	3.2	0.4	2.1	4.0	0.1	13.0
1991	0.6 [d]		2.5	3.5	0.4	1.9	4.3	0.2	13.4

NOTE: Data on Glass Fiber are no longer available due to company disclosure. The series including Glass Fiber was last published in the March 1985 issue

a. Includes triacetate. Cigarette tow is excluded

b. Includes Aramid for all years except 1983-1991

c. Includes modacrylic

d. Rayon and acetate combined

TABLE 4:
U.S. MILL CONSUMPTION OF MANUFACTURED FIBER, COTTON & WOOL
MILLION POUNDS & *PERCENT*

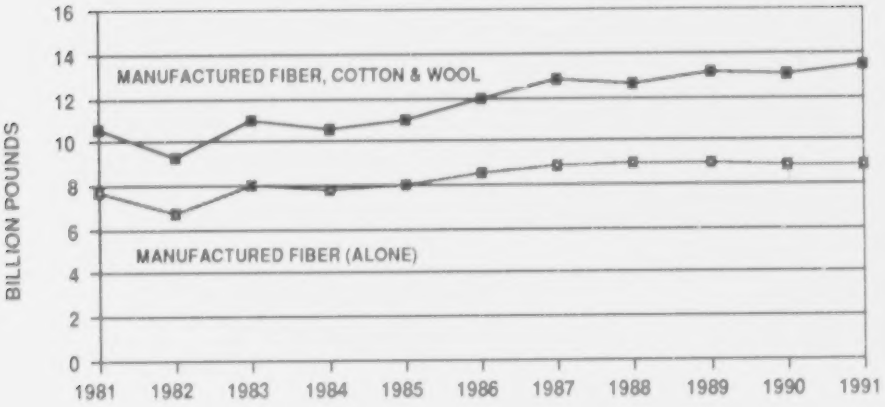
YEAR	MANUFACTURED FIBER	% [a]	% [b]	COTTON	% [a]	% [b]	WOOL	% [a]	% [b]	TOTAL	% [a]	% [b]
1981	7721.5	--	*72.9*	2730.8	--	*25.7*	152.7	--	*1.4*	10605.0	--	*100.0*
1982	6653.5	*-13.8*	*71.8*	2478.9	*-9.2*	*26.8*	129.5	*-15.2*	*1.4*	9261.9	*-12.7*	*100.0*
1983	7994.5	*+20.2*	*73.0*	2795.7	*+12.8*	*25.5*	162.5	*+25.5*	*1.5*	10952.7	*+18.3*	*100.0*
1984	7789.5	*-2.6*	*73.4*	2668.2	*-4.6*	*25.1*	163.2	*+0.4*	*1.5*	10620.9	*-3.0*	*100.0*
1985	8035.5	*+3.2*	*73.3*	2796.0	*+4.8*	*25.5*	134.7	*-17.5*	*1.2*	10966.2	*+3.3*	*100.0*
1986	8453.9	*+5.2*	*70.9*	3301.7	*+18.1*	*27.7*	164.5	*+22.1*	*1.4*	11920.1	*+8.7*	*100.0*
1987	8861.7	*+4.8*	*69.4*	3736.5	*+13.2*	*29.3*	167.6	*+1.9*	*1.3*	12765.8	*+7.1*	*100.0*
1988	9017.4	*+1.8*	*71.4*	3470.1	*-7.1*	*27.4*	156.1	*-6.9*	*1.2*	12643.6	*-1.0*	*100.0*
1989	9009.6	*-0.1*	*68.6*	3985.9	*+14.9*	*30.3*	139.6	*-10.6*	*1.1*	13135.1	*+3.9*	*100.0*
1990	8837.0	*-1.9*	*67.9*	4036.5	*+1.3*	*31.1*	135.4	*-3.0*	*1.0*	13008.9	*-1.0*	*100.0*
1991	8867.6	*+0.3*	*66.3*	4347.5	*+7.7*	*32.5*	165.2	*+22.0*	*1.2*	13380.3	*+2.9*	*100.0*

NOTE: Data on Glass Fiber are no longer available due to company disclosure. The series including Glass Fiber was last published in the March 1985 issue

a. Percent change from year to year

b. Percent of total fiber consumption

GRAPH 2:
U.S. MILL CONSUMPTION OF MANUFACTURED FIBER,
COTTON & WOOL



GRAPH 3:
DOMESTIC CONSUMPTION DETAIL:
MANUFACTURED FIBER, COTTON & WOOL

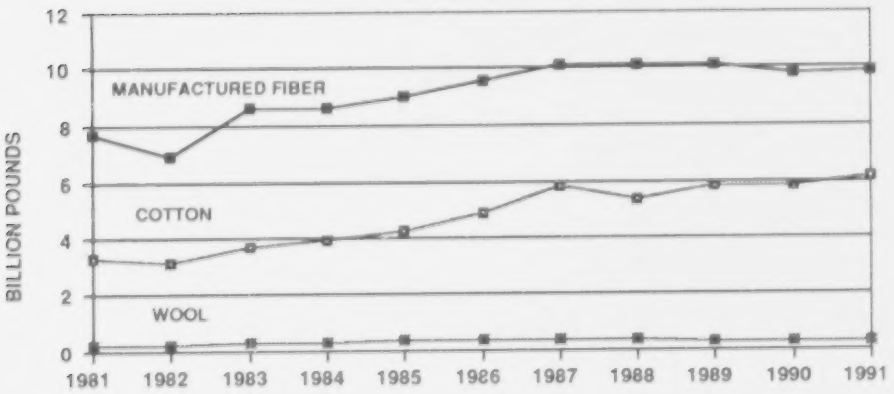


TABLE 5:
MANUFACTURED FIBER PRODUCTION
ANNUALLY 1962 - 1991
MILLION POUNDS

	ARTIFICIAL (CELLULOSIC)									SYNTHETIC (NONCELL.) FIBER c - g				NON-ADD
	RAYON YARN [a]			ACET	TOTAL	STAPLE+TOW			TOTAL				TOTAL	TOTAL
YEAR	INDUS	TEXT	TOTAL	YARN [b]	YARN	RAYON	ACET [b]	TOTAL	R+A	YARN	STAPLE	TOTAL		GLASS FIBER [h]
1962	272.0	148.4	420.4	305.7	726.1	500.0	46.0	546.0	1272.1	627.4	345.5	972.9	2245.0	190.3
1963	246.0	154.2	400.2	309.5	709.7	579.1	60.0	639.1	1348.8	712.8	443.2	1156.0	2504.8	191.9
1964	258.2	153.4	411.6	365.9	777.5	594.3	60.0	654.3	1431.8	847.6	559.1	1406.7	2838.5	239.5
1965	264.6	169.2	433.8	391.2	825.0	648.0	54.0	702.0	1527.0	997.7	782.4	1780.1	3307.1	282.3
1966	235.8	169.7	405.5	394.3	799.8	659.2	60.0	719.2	1519.0	1164.7	918.1	2082.8	3601.8	332.4
1967	161.2	147.9	309.1	425.6	734.7	603.4	50.0	653.4	1388.1	1215.4	1137.9	2353.3	3741.4	308.8
1968	202.4	162.9	365.3	439.9	805.2	739.1	50.0	789.1	1594.3	1662.1	1567.3	3229.4	4823.7	402.7
1969	168.6	150.6	319.2	455.2	774.4	758.8	43.0	801.8	1576.2	1766.9	1761.0	3527.9	5104.1	501.4
1970	146.4	121.2	267.6	463.2	730.8	607.4	35.0	642.4	1373.2	1793.4	1792.8	3586.2	4959.4	467.3
1971	180.4	123.0	303.4	449.3	752.7	611.7	26.5	638.2	1390.9	2187.9	2104.9	4292.8	5683.7	468.2
1972	146.7	105.0	251.7	401.4	653.1	713.2	28.0	741.2	1394.3	2773.3	2582.4	5355.7	6750.0	571.6
1973	121.7	76.4	198.1	437.2	635.3	696.7	25.0	721.7	1357.0	3339.6	2969.8	6309.4	7666.4	688.0
1974	112.9	58.9	171.8	361.6	533.4	645.4	20.0	665.4	1198.8	3443.0	2780.6	6223.6	7422.4	682.9
1975	46.1	18.7	64.8	301.3	366.1	370.9	12.0	382.9	749.0	3208.9	2676.8	5885.7	6634.7	546.5
1976	52.3	15.3	67.6	286.9	354.5	475.4	11.0	486.4	840.9	3306.4	3320.2	6626.6	7467.5	676.0
1977	55.3	15.4	70.7	282.0	352.7	527.0	8.0	535.0	887.7	3674.1	3653.8	7327.9	8215.6	786.7
1978	47.0	15.0	62.0	300.9	362.9	534.6	7.0	541.6	904.5	3830.3	3952.7	7783.0	8687.5	923.3
1979	41.7	15.1	56.8	316.6	373.4	549.4	7.0	556.4	929.8	4154.3	4282.3	8436.6	9366.4	1014.4
1980	32.2	15.0	47.2	308.5	355.7	443.3	7.0	450.3	806.0	3744.3	4148.2	7892.5	8698.5	867.3
1981	33.4	15.1	48.5	257.0	305.5	460.6	4.0	464.6	770.1	3814.8	4191.1	8005.9	8776.0	1041.1
1982	20.8	12.4	33.2	195.2	228.4	355.0	1.0	356.0	584.4	3057.4	3402.5	6459.9	7044.3	899.2
1983	25.0	11.2	36.2	227.6	263.8	374.8	1.4	376.2	640.0	3567.8	3970.6	7538.4	8178.4	1167.2
1984	28.8	12.1	40.9	198.2	239.1	389.2	0.4	389.6	628.7	3524.4	3947.3	7471.7	8100.4	1394.0
1985	NA	NA	NA	NA	204.6	352.7	0.5	353.2	557.8	3790.2	3773.3	7563.5	8121.3	NA
1986	NA	NA	NA	NA	214.8	403.7	0.5	404.2	619.0	3835.9	3991.8	7827.7	8446.7	NA
1987	NA	NA	NA	NA	191.1	413.8	0.5	414.3	605.4	4009.7	4306.2	8315.9	8921.3	NA
1988	NA	NA	NA	NA	213.9	399.8	NA	399.8	613.7	4180.3	4345.6	8525.9	9139.6	NA
1989	NA	NA	NA	NA	217.5	362.8	NA	362.8	580.3	4225.5	4290.4	8515.9	9096.2	NA
1990	NA	NA	NA	NA	206.2	299.1	NA	299.1	505.3	4193.7	3990.8	8184.5	8689.8	NA
1991	NA	NA	NA	NA	213.2	273.3	NA	273.3	486.5	4282.2	3984.1	8266.3	8752.8	NA

See footnotes on opposite page.

TABLE 6:
SYNTHETIC (NONCELLULOSIC) FIBER PRODUCTION DETAIL

ANNUALLY 1962 - 1991

MILLION POUNDS

	YARN+MONOFILAMENTS				STAPLE+TOW+FIBERFILL				
YEAR	NYLON [c]	OLEFIN [d]	ESTER [e]	TOTAL	NYLON [c]	ACRYL [f]	ESTER [e]	OTHER [g]	TOTAL
1962	562.0	24.3	41.1	627.4	50.7	170.0	119.6	5.2	345.5
1963	630.0	30.3	52.5	712.8	61.5	209.7	166.6	5.4	443.2
1964	736.1	45.4	66.1	847.6	69.3	287.7	192.4	9.7	559.1
1965	846.1	65.6	86.0	997.7	93.7	368.4	305.2	15.1	782.4
1966	961.4	100.8	102.5	1164.7	118.7	352.9	409.3	37.2	918.1
1967	944.6	118.0	152.8	1215.4	124.6	397.7	568.1	47.5	1137.9
1968	1188.4	206.6	267.1	1662.1	162.1	521.0	827.3	56.9	1567.3
1969	1188.0	202.7	376.2	1766.9	223.2	533.0	938.8	66.0	1761.0
1970	1137.9	200.4	455.1	1793.4	216.8	491.9	1022.3	61.8	1792.8
1971	1237.9	261.8	688.2	2187.9	357.4	545.2	1142.5	59.8	2104.9
1972	1463.9	346.5	962.9	2773.3	510.6	625.9	1376.2	69.7	2582.4
1973	1582.8	423.8	1333.0	3339.6	591.9	742.1	1568.0	67.8	2969.8
1974	1560.0	463.1	1419.9	3443.0	563.7	631.2	1517.5	68.2	2780.5
1975	1295.4	442.9	1470.6	3208.9	561.9	524.6	1536.2	54.1	2676.8
1976	1372.5	515.7	1418.2	3306.4	702.7	621.0	1935.6	60.9	3320.2
1977	1512.4	554.1	1607.6	3674.1	813.7	708.8	2050.1	81.2	3653.8
1978	1654.0	596.6	1579.7	3830.3	895.9	725.7	2235.8	95.3	3952.7
1979	1781.6	639.1	1733.6	4154.3	938.8	761.1	2462.2	120.2	4282.3
1980	1631.1	632.2	1481.0	3744.3	726.6	779.2	2526.7	115.7	4148.2
1981	1580.7	642.9	1591.2	3814.8	751.8	690.8	2606.5	142.0	4191.1
1982	1241.6	585.2	1230.6	3057.4	685.0	624.1	1955.2	138.2	3402.5
1983	1492.2	716.1	1359.5	3567.8	926.4	670.5	2184.1	189.6	3970.6
1984	1577.3	747.1	1200.0	3524.4	834.8	670.8	2191.8	249.9	3947.3
1985	1514.8	954.5	1320.9	3790.2	827.7	630.8	2020.1	294.7	3773.3
1986	1605.5	1057.7	1172.7	3835.9	908.3	615.9	2132.3	335.3	3991.8
1987	1697.2	1133.8	1178.7	4009.7	992.4	591.5	2361.8	360.5	4306.2
1988	1727.5	1224.1	1228.7	4180.3	941.7	588.1	2451.8	364.0	4345.6
1989	1759.2	1257.2	1209.1	4225.5	980.8	542.7	2385.3	381.6	4290.4
1990	1671.9	1416.6	1105.2	4193.7	989.6	505.8	2089.9	405.5	3990.8
1991	1666.1	1408.2	1207.9	4282.2	868.8	453.9	2202.9	458.5	3984.1

NOTE: Data on Glass Fiber are no longer available due to company disclosure. The series including Glass Fiber was last published in the March 1985 issue.

NA No longer available.

a. Includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments. Beginning January 1965, the high tenacity rayon yarn of 900 denier & finer is tabulated with regular tenacity yarn.

b. Includes diacetate and triacetate. The acetate staple+tow data do not include the quantities produced for cigarette filtration purposes.

c. Excludes aramid in 1983-1991.

d. Includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

e. Ester means polyester. Also includes other yarn which is chiefly saran and spandex through 1982.

f. Includes modacrylic.

g. Other staple+tow includes only olefin and vinyon for recent years. Vinyon is excluded in 1987-1991. Earlier years' data are on pages 8 & 9 of the January 1962 ORGANON Base Book issue and page 4 of the January-February 1971 issue.

h. Includes both textile and non-textile types of glass.

TABLE 7:
ARTIFICIAL (CELLULOSIC) MANUFACTURED FIBER DISTRIBUTION
ANNUALLY 1962 - 1991
MILLION POUNDS

	YARN+MONOFILAMENTS							STAPLE+TOW							TOTAL GLASS FIBER [b]				
	PRODUCERS' SHIPMENTS							PRODUCERS' SHIPMENTS							PRODUCERS' SHIPMENTS				
	TO DOM. CONSUMERS [a b]			EX-PORTS	TOTAL	IM-PORTS	MILL CONS	TO DOM. CONSUMERS			EX-PORTS	TOTAL	IM-PORTS	MILL CONS	DO-MESTIC	EX-PORTS	TOTAL	IM-PORTS	MILL CONS
YEAR	RAYON	ACET	TOTAL					RAYON	ACET [b]	TOTAL									
1962	384.6	281.7	666.3	44.9	711.2	2.6	668.9	499.2	44.4	543.6	3.8	547.4	50.9	594.5	177.5	6.6	184.1	--	177.5
1963	380.7	305.0	685.7	39.7	725.4	1.7	687.4	578.8	57.5	636.3	4.9	641.2	116.5	752.8	182.0	8.5	190.5	--	182.0
1964	399.6	363.8	763.4	28.5	791.9	5.2	768.6	575.7	57.5	633.2	7.7	640.9	114.5	747.7	220.6	11.8	232.4	--	220.6
1965	409.3	366.4	775.7	22.1	797.8	6.8	782.5	636.3	54.4	690.7	8.4	699.1	77.2	767.9	268.2	18.7	286.9	--	268.2
1966	389.6	387.5	777.1	15.2	792.3	3.7	780.8	636.5	59.0	695.5	9.4	704.9	114.8	810.3	314.2	7.9	322.1	1.1	315.3
1967	311.1	421.0	732.1	18.2	750.3	7.7	739.8	625.9	49.5	675.4	4.3	679.7	85.0	760.4	302.7	8.2	310.9	1.0	303.7
1968	353.5	426.4	779.9	17.6	797.5	14.6	794.5	720.0	48.5	768.5	5.4	773.9	125.0	893.5	383.7	12.1	395.8	0.1	383.8
1969	294.7	444.7	739.4	16.0	755.4	4.1	743.5	737.9	42.3	780.2	5.0	785.2	91.2	871.4	460.4	17.7	478.1	0.1	460.5
1970	251.1	444.8	695.9	38.3	734.2	3.7	699.6	599.9	34.3	634.2	7.8	642.0	80.6	714.8	404.2	29.9	434.1	0.7	404.9
1971	297.0	432.3	729.3	33.2	762.5	5.2	734.5	643.6	26.2	669.8	3.7	673.5	81.3	751.1	464.9	17.4	482.3	1.8	466.7
1972	246.9	385.9	632.8	23.9	656.7	10.8	643.6	690.7	27.7	718.4	2.0	720.4	51.3	769.7	559.8	17.5	577.3	9.4	569.2
1973	197.6	392.3	589.9	60.7	650.6	18.1	608.0	709.5	25.0	734.5	14.7	749.2	47.4	781.9	663.0	36.5	699.5	13.0	676.0
1974	153.1	320.3	473.4	48.8	522.2	9.2	482.6	569.5	19.7	589.2	36.0	625.2	38.7	627.9	619.3	38.0	657.3	11.5	630.8
1975	74.9	293.7	368.6	32.9	401.5	9.2	377.8	373.4	12.0	385.4	20.2	405.6	37.9	423.3	524.6	18.3	542.9	8.9	533.5
1976	65.1	249.4	314.5	40.3	354.8	25.1	339.6	461.0	11.0	472.0	35.6	507.6	43.2	515.2	663.3	35.0	698.3	14.3	677.6
1977	68.1	259.4	327.5	25.2	352.7	23.5	351.0	444.9	8.0	452.9	62.3	515.2	57.8	510.7	769.3	28.9	798.2	22.0	791.3
1978	63.0	274.6	337.6	27.6	365.2	25.7	363.3	459.2	7.0	466.2	96.5	562.7	41.1	507.3	864.9	27.7	892.6	21.8	886.7
1979	55.0	288.4	343.4	31.8	375.2	13.3	356.7	442.4	7.0	449.4	100.1	549.5	16.5	465.9	912.2	48.3	960.5	10.4	922.6
1980	47.5	269.2	316.7	32.7	349.4	8.3	325.0	390.7	7.0	397.7	61.0	458.7	10.3	408.0	867.1	48.6	915.7	7.3	874.4
1981	46.6	226.3	272.9	34.8	307.7	10.7	283.6	396.9	4.0	400.9	59.8	460.7	16.8	417.7	963.8	35.2	999.0	18.2	982.0
1982	30.1	169.0	199.1	29.8	228.9	7.0	206.1	293.7	1.0	294.7	66.5	361.2	13.4	308.1	861.5	42.9	904.4	14.1	875.6
1983	35.5	197.6	233.1	28.2	261.3	8.7	241.8	333.5	1.4	334.9	43.9	378.8	13.6	348.5	1146.1	37.4	1183.5	20.0	1166.1
1984	38.2	180.1	218.3	18.2	236.5	10.0	228.3	331.9	0.4	332.3	52.1	384.4	17.0	349.3	1250.7	58.0	1308.7	23.1	1273.8
1985	NA	NA	187.1	23.0	210.1	13.9	201.0	323.7	0.5	324.2	35.0	359.2	12.3	336.5	NA	NA	1259.6	34.7	NA
1986	NA	NA	192.1	20.2	212.3	17.0	209.1	373.0	0.5	373.5	30.8	404.3	17.4	390.9	NA	NA	1339.3	23.7	NA
1987	NA	NA	166.8	24.9	191.7	12.8	179.6	383.1	0.5	383.6	32.4	416.0	13.8	397.4	NA	NA	1513.1	29.4	NA
1988	NA	NA	182.6	34.1	216.7	17.6	200.2	386.0	NA	386.0	20.5	406.5	20.4	406.4	NA	NA	1587.6	26.2	NA
1989	NA	NA	187.3	31.7	219.0	26.3	213.6	338.2	NA	338.2	16.2	354.4	54.0	392.2	NA	NA	1530.1	NA	NA
1990	NA	NA	172.7	34.0	206.7	24.2	196.9	291.7	NA	291.7	12.5	304.2	111.6	403.3	NA	NA	1519.1	NA	NA
1991	NA	NA	179.9	32.3	212.2	30.8	210.7	255.5	NA	255.5	8.1	263.6	92.0	347.5	NA	NA	1488.5	NA	NA

See footnotes on opposite page.

TABLE 8:
SYNTHETIC (NONCELLULOSIC) MANUFACTURED FIBER DISTRIBUTION
ANNUALLY 1962 - 1991
MILLION POUNDS

	YARN+MONOFILAMENTS								STAPLE+TOW+FIBERFILL								
	PRODUCERS' SHIPMENTS								PRODUCERS' SHIPMENTS								
	TO DOMESTIC CONSUMERS				EX-		IM-	DO-MESTIC	TO DOMESTIC CONSUMERS					EX-		IM-	DO-MESTIC
YEAR	NYLON [c]	OLEFIN [d]	ESTER [e]	TOTAL	PORTS	TOTAL	PORTS	CONS	NYLON [c]	ACRYL [f]	ESTER [e]	OTH [g]	TOTAL	PORTS	TOTAL	PORTS	CONS
1962	503.1	22.5	38.1	563.7	41.1	604.8	7.0	570.7	47.5	147.1	115.3	3.6	313.5	20.3	333.8	13.9	327.4
1963	570.9	29.1	48.9	648.9	43.2	692.1	6.3	655.2	54.3	201.5	150.7	5.0	411.5	18.3	429.8	8.8	420.3
1964	685.9	44.2	63.6	793.7	62.8	856.5	3.7	797.4	68.3	263.2	177.5	8.6	517.6	34.1	551.7	19.2	536.8
1965	781.9	60.1	77.2	919.2	46.1	965.3	8.5	927.7	85.1	324.5	290.4	13.5	713.5	32.3	745.8	52.1	765.6
1966	880.0	94.6	94.8	1069.4	54.4	1123.8	12.5	1081.9	108.8	328.0	372.1	33.1	842.0	39.7	881.7	61.0	903.0
1967	907.4	116.1	144.8	1168.3	58.6	1226.9	16.4	1184.7	120.6	371.2	537.2	40.5	1069.5	60.3	1129.8	63.2	1132.7
1968	1085.8	199.0	237.2	1522.0	84.5	1606.5	33.7	1555.7	157.2	467.1	756.1	52.4	1432.8	72.2	1505.0	89.8	1522.6
1969	1063.4	188.6	364.5	1616.5	84.9	1701.4	32.5	1649.0	202.7	473.4	883.3	61.7	1621.1	100.3	1721.4	67.5	1688.6
1970	1052.6	187.0	443.0	1682.6	82.3	1764.9	120.8	1803.4	201.2	430.7	992.9	57.3	1682.1	108.6	1790.7	57.7	1739.8
1971	1206.7	246.5	646.9	2100.1	78.5	2178.6	234.4	2334.5	330.1	463.7	1111.4	58.9	1964.1	130.5	2094.6	93.3	2057.4
1972	1430.6	312.4	946.8	2689.8	87.4	2777.2	224.5	2914.3	476.6	536.0	1286.9	63.6	2363.1	174.1	2537.2	103.7	2466.8
1973	1544.7	395.4	1333.6	3273.7	127.4	3401.1	140.1	3413.8	586.8	662.0	1530.3	69.3	2848.4	233.0	3081.4	112.8	2961.2
1974	1408.8	426.3	1307.2	3142.3	140.6	3282.9	92.1	3234.4	487.8	514.9	1388.1	59.7	2450.5	195.3	2645.8	73.2	2523.7
1975	1289.7	436.1	1489.0	3214.8	104.5	3319.3	53.8	3268.6	557.9	467.3	1473.6	54.7	2553.5	209.9	2763.4	55.2	2608.7
1976	1279.3	482.0	1385.9	3147.2	138.5	3285.7	64.0	3211.2	665.4	517.3	1777.2	58.6	3018.5	247.4	3265.9	67.3	3085.8
1977	1396.2	539.6	1525.6	3461.4	159.0	3620.4	92.5	3553.9	791.7	619.8	1880.3	81.3	3373.1	270.0	3643.1	52.9	3426.0
1978	1539.1	579.7	1523.1	3641.9	197.5	3839.4	52.2	3694.1	876.4	571.6	1967.5	90.0	3505.5	411.4	3916.9	60.5	3566.0
1979	1631.3	624.2	1542.1	3797.6	319.3	4116.9	20.0	3817.6	913.2	546.6	2134.4	119.3	3713.5	593.2	4306.7	39.3	3752.8
1980	1538.9	611.7	1381.4	3532.0	301.8	3833.8	19.6	3551.6	711.2	585.3	2071.0	115.0	3482.5	689.8	4172.3	35.6	3518.1
1981	1404.3	628.3	1450.5	3483.1	282.5	3765.6	18.9	3502.0	696.4	494.1	2005.4	132.0	3327.9	820.4	4148.3	60.5	3388.4
1982	1165.6	577.0	1151.3	2893.9	220.2	3114.1	23.8	2917.7	673.3	457.9	1767.5	138.9	3037.6	369.9	3407.5	51.2	3088.8
1983	1392.4	698.6	1294.4	3385.4	187.3	3572.7	48.3	3433.7	897.1	492.2	2099.2	183.4	3671.9	281.5	3953.4	101.4	3773.3
1984	1438.1	725.6	1144.9	3308.6	189.0	3497.6	90.0	3398.6	814.4	446.7	1992.2	240.9	3494.2	442.4	3936.6	131.1	3625.3
1985	1417.4	937.6	1204.2	3559.2	240.2	3799.4	104.6	3663.8	830.3	458.7	1872.7	279.7	3441.4	372.8	3814.2	159.4	3600.8
1986	1479.6	1049.2	1092.4	3621.2	200.6	3821.8	126.1	3747.3	894.9	531.2	1998.6	312.7	3737.4	239.8	3977.2	182.8	3920.2
1987	1554.3	1135.5	1113.4	3803.2	214.7	4017.9	123.9	3927.1	966.0	479.3	2201.0	341.1	3987.4	325.6	4313.0	189.0	4176.4
1988	1572.4	1199.8	1157.4	3929.6	260.5	4190.1	116.3	4045.9	944.9	421.1	2311.8	344.2	4022.0	344.8	4366.8	196.2	4218.2
1989	1575.3	1226.0	1110.7	3912.0	237.9	4149.9	182.2	4094.2	955.3	414.8	2261.3	363.4	3994.8	253.3	4248.1	192.4	4187.2
1990	1537.5	1404.9	1046.2	3988.6	265.1	4253.7	154.7	4143.3	950.2	352.2	2015.4	387.9	3705.7	278.9	3984.6	209.8	3915.5
1991	1493.9	1380.6	1114.0	3988.5	246.9	4235.4	174.8	4163.3	835.0	319.2	2127.9	437.5	3719.6	277.8	3997.4	263.1	3982.7

NA No longer available

Domestic consumption (CONS) means the sum of fiber producers' domestic shipments and general imports

General imports (IMPORTS): yarn+monofil includes yarn singles, monofilaments & strips; staple+tow includes grouped filaments. Not included here are plied, spun & handwork yarns, sewing thread, sliver,tops & roving waste

a - h. See these lettered footnotes on page 51.

Synthetic (noncellulosic) data from 1940 are on page 5 of the January - February 1971 issue. Rayon+acetate data from 1911 are on page 9 of the January 1962 ***Organon*** Base Book.

TABLE 9:
U.S. MILL CONSUMPTION OF FIBER AND DOMESTIC CONSUMPTION OF PRODUCTS
MILLION POUNDS & *PERCENT*

	MANUFACTURED FIBER MILL CONSUMPTION=PRODUCERS' SHIPMENTS (DOM) PLUS IMPORTS FOR CONSUMPTION (IMP)																				
	ARTIFICIAL (CELLULOSIC) FIBER											SYNTHETIC (NONCELLULOSIC) FIBER									
	YARN+MONOFIL			STAPLE+TOW			WASTE					YARN+MONOFIL			STAPLE+TOW			WASTE				
YEAR	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1977	327.5	23.5	351.0	452.9	57.8	510.7	18.5	0.6	12.6	6.5	868.2	3461.4	92.5	3553.9	3373.1	52.9	3426.0	291.0	23.2	66.1	248.1	7228.0
1978	337.6	25.7	363.3	466.2	41.1	507.3	15.7	0.4	7.0	9.1	879.7	3641.9	52.2	3694.1	3505.5	60.5	3566.0	263.9	26.0	88.7	201.2	7461.3
1979	343.4	13.3	356.7	449.4	16.5	465.9	17.2	0.8	9.6	8.4	831.0	3797.6	20.0	3817.6	3713.5	39.3	3752.8	238.6	21.1	137.7	122.0	7692.4
1980	316.7	8.3	325.0	397.7	10.3	408.0	13.5	0.3	6.1	7.7	740.7	3532.0	19.6	3551.6	3482.5	35.6	3518.1	170.2	21.5	116.4	75.3	7145.0
1981	272.9	10.7	283.6	400.9	16.8	417.7	15.3	0.5	2.8	13.0	714.3	3483.1	18.9	3502.0	3327.9	60.5	3388.4	174.2	49.9	107.3	116.8	7007.2
1982	199.1	7.0	206.1	294.7	13.4	308.1	10.7	0.4	3.2	7.9	522.1	2893.9	23.8	2917.7	3037.6	51.2	3088.8	173.2	37.8	86.1	124.9	6131.4
1983	233.1	8.7	241.8	334.9	13.6	348.5	9.4	0.3	1.4	8.3	598.6	3385.4	48.3	3433.7	3671.9	101.4	3773.3	214.1	46.1	71.3	188.9	7395.9
1984	218.3	10.0	228.3	332.3	17.0	349.3	11.4	0.5	1.6	10.3	587.9	3308.6	90.0	3398.6	3494.2	131.1	3625.3	216.9	50.5	89.7	177.7	7201.6
1985	187.1	13.9	201.0	324.2	12.3	336.5	8.8	0.5	1.2	8.1	545.6	3559.2	104.6	3663.8	3441.4	159.4	3600.8	260.2	40.7	75.6	225.3	7489.9
1986	192.1	17.0	209.1	373.5	17.4	390.9	10.4	0.1	2.2	8.3	608.3	3621.2	126.1	3747.3	3737.4	182.8	3920.2	261.5	40.3	123.7	178.1	7845.6
1987	166.8	12.8	179.6	383.6	13.8	397.4	9.6	0.1	1.1	8.6	585.6	3803.2	123.9	3927.1	3987.4	189.0	4176.4	239.1	47.0	113.5	172.6	8276.1
1988	182.6	17.6	200.2	386.0	20.4	406.4	7.8	+	2.0	5.8	612.4	3929.6	116.3	4045.9	4022.0	196.2	4218.2	244.8	40.5	144.4	140.9	8405.0
1989	187.3	26.3	213.6	338.2	54.0	392.2	6.0	0.6	11.6	-5.0	600.8	3912.0	182.2	4094.2	3994.8	192.4	4187.2	220.8	48.0	141.4	127.4	8408.8
1990	172.7	24.2	196.9	291.7	111.6	403.3	4.4	0.5	6.2	-1.3	598.9	3988.6	154.7	4143.3	3705.7	209.8	3915.5	260.1	54.5	135.3	179.3	8238.1
1991	179.9	30.8	210.7	255.5	92.0	347.5	4.9	1.9	8.5	-1.7	556.5	3988.5	174.8	4163.3	3719.6	263.1	3982.7	277.3	40.3	152.5	165.1	8311.1

Continued on opposite page

TABLE 9:
U.S. MILL CONSUMPTION OF FIBER AND DOMESTIC CONSUMPTION OF PRODUCTS *(CONTINUED)*
MILLION POUNDS & *PERCENT*

YEAR	MILL CONSUMPTION OF 4 FIBERS: MANUFACTURED FIBER LB (23)	MANUFACTURED FIBER %	COTTON LB (24)	COTTON %	WOOL LB (25)	WOOL %	SILK LB (26)	SILK %	TOTAL LB (27)	TOTAL %	DOMESTIC CONSUMPTION OF 3 FIBERS (CONS)=MILL CONSUMPTION+IMPORTS (IMP) LESS EXPORTS (EXP) OF SEMIMANUFACTURED & MANUFACTURED PRODUCTS: MANUFAC. FIBER IMP (28)	MANUFAC. FIBER EXP (29)	MANUFAC. FIBER CONS (30)	COTTON IMP (31)	COTTON EXP (32)	COTTON CONS (33)	WOOL IMP (34)	WOOL EXP (35)	WOOL CONS (36)	TOTAL IMP (37)	TOTAL EXP (38)	TOTAL CONS (39)
1977	8096.2	71.0	3169.8	27.8	133.9	1.2	1.6	--	11401.5	100.0	530.7	367.7	8259.2	669.4	369.5	3469.7	85.9	11.5	208.3	1286.0	748.7	11938.8
1978	8341.0	72.4	3040.4	26.4	141.6	1.2	2.0	--	11525.0	100.0	642.6	441.7	8541.9	845.4	355.7	3530.1	92.2	11.6	222.2	1580.2	809.0	12296.2
1979	8523.4	72.7	3066.4	26.2	134.4	1.1	1.5	--	11725.7	100.0	525.0	596.6	8451.8	746.1	478.0	3334.5	80.6	14.0	201.0	1351.7	1088.6	11988.8
1980	7885.7	71.2	3064.4	27.6	137.8	1.2	1.0	--	11088.9	100.0	540.6	771.5	7654.8	810.9	523.1	3352.2	85.1	23.8	199.1	1436.6	1318.4	11207.1
1981	7721.5	72.9	2730.8	25.7	152.7	1.4	2.0	--	10607.0	100.0	639.1	637.7	7722.9	961.9	367.3	3325.4	93.1	11.8	234.0	1694.1	1016.8	11284.3
1982	6653.5	71.8	2478.9	26.8	129.5	1.4	2.0	--	9263.9	100.0	697.9	438.5	6912.9	897.2	253.4	3122.7	100.1	10.8	218.8	1695.2	702.7	10256.4
1983	7994.5	73.0	2795.7	25.5	162.5	1.5	1.6	--	10954.3	100.0	1069.5	460.7	8603.3	1135.5	219.6	3711.6	131.9	9.9	284.5	2336.9	690.2	12601.0
1984	7789.5	73.4	2668.2	25.1	163.2	1.5	1.4	--	10622.3	100.0	1342.6	487.9	8644.2	1465.6	206.1	3927.7	190.1	9.6	343.7	2998.3	703.6	12917.0
1985	8035.5	73.3	2796.0	25.5	134.7	1.2	1.5	--	10967.7	100.0	1491.0	499.1	9027.4	1629.2	213.2	4212.0	250.2	15.9	369.0	3370.4	728.2	13609.9
1986	8453.9	70.9	3301.7	27.7	164.5	1.4	1.0	--	11921.1	100.0	1703.0	519.3	9637.6	1910.5	274.8	4937.4	260.5	14.2	410.8	3874.0	808.3	14986.8
1987	8861.7	69.4	3736.5	29.3	167.6	1.3	1.0	--	12766.8	100.0	1805.4	591.9	10075.2	2335.7	298.0	5774.2	258.3	21.3	404.6	4399.4	911.2	16255.0
1988	9017.4	71.4	3470.1	27.4	156.1	1.2	1.0	--	12644.6	100.0	1735.7	684.6	10068.5	2118.8	330.2	5258.7	230.5	27.8	358.8	4085.0	1042.6	15687.0
1989	9009.6	68.6	3985.9	30.3	139.6	1.1	1.0	--	13136.1	100.0	*1820.0	*740.0	*10089.6	*2337.3	*504.2	*5819.0	*206.3	*61.3	*284.6	*4363.6	*1305.5	*16194.2
1990	8837.0	67.9	4036.5	31.1	135.4	1.0	1.0	--	13009.9	100.0	*1820.0	*820.0	*9837.0	*2402.9	*660.8	*5778.6	*195.8	*56.4	*274.8	*4418.7	*1537.2	*15891.4
1991	8867.6	66.3	4347.5	32.5	165.2	1.2	1.0	--	13381.3	100.0	*1907.0	*886.0	*9888.6	*2493.0	*702.0	*6138.5	*192.8	*58.5	*299.5	*4592.8	*1646.5	*16327.6

NOTE: Data on Glass Fiber are no longer available due to company disclosure. The series including Glass Fiber was last published in the March 1985 issue.
This table, expanded to include the New MFA Fibers, will be reproduced in a forthcoming issue.

* **PRELIMINARY ESTIMATES DERIVED FROM *INCOMPLETE* DATA FROM THE DEPARTMENT OF AGRICULTURE.**

SOURCES OF DATA, ARRANGED BY COLUMN NUMBER ( ):

1 & 4: This issue on page 52.
12 & 15: This issue on page 53.
7 & 18: This issue on page 56.
2: For 1977 - 1988: Import Classes 309.0310, .0610, .2000, 310.0106, .0130, .0206, .0230 & .0610.
For 1989 - 1991: Import Classes 5403.10.30.20, 5403.10.30.40, 5403.10.60.00, 5403.20.30.00, 5403.20.60.00, 5403.31.00.20 - 5403.39.00.40, 5403.41.10.00 - 5403.49.00.00, 5405.00.30.00 & 5405.00.60.00.
5: For 1977 - 1988: Import Classes 309.3010, .3310, 4320 & .4325.
For 1989 - 1991: Import Classes 5504.10.00.00, 5504.90.00.00, 5502.00.00.00 & 5507.00.00.00.
8: For 1977 - 1988: Import Classes 309.6615 & .7510.
For 1989 - 1991: Import Class 5505.20.00.00.
9: For 1977 - 1988: Export Class 309.7400.
For 1989 - 1991: Export Class 5505.20.00.00.
13: For 1977 - 1988: Import Classes 309.0200, .0330, .0340, .0365, .0500, .0630, .0640, .0665, .2100, .2500, 310.0107, .0108, .0110, .0114, .0149, .0150, .0170, .0207, .0208, .0210, .0214, .0249, .0250, .0270, .0550, .0630 & .0650.
For 1989 - 1991: Import Classes 5402.10.30.20, 5402.10.30.40, 5402.10.60.00, 5402.31.30.00, 5402.31.60.00, 5402.32.30.00, 5402.32.60.00, 5402.41.00.10, 5402.41.00.30, 5402.41.00.40, 5402.51.00.00, 5402.61.00.00, 5404.10.20.20, 5402.20.30.20, 5402.20.30.40, 5402.20.60.00, 5402.33.30.00, 5402.33.60.00, 5402.42.00.00, 5402.43.00.20, 5402.43.00.40, 5402.52.00.00, 5402.62.00.00, 5404.10.20.40, 5402.39.30.10, 5402.39.30.90, 5402.39.60.10, 5402.39.60.90, 5402.49.00.10, 5402.49.00.50, 5402.49.00.70, 5402.49.00.80, 5402.59.00.00, 5402.69.00.00, 5404.10.10.00, 5404.10.20.90 & 5404.90.00.00.
16: For 1977 - 1988: Import Classes 309.3030, .3040, .3050, .3065, .3200, .3340, .3350, .3365, .4331, .4336, .4341, .4351, .4361, .4366, .4371 & .4390.
For 1989 - 1991: Import Classes 5503.10.00.00, 5503.20.00.00, 5503.30.00.00, 5503.40.00.00, 5503.90.00.00, 5501.10.00.00, 5501.20.00.00, 5501.30.00.00, 5501.90.00.00, 5506.10.00.00, 5506.20.00.00, 5506.30.00.00 & 5506.90.00.00.
19: For 1977 - 1988: Import Classes 309.6625, .6630, .6645, .6660, .7000 & .7525 - .7555.
For 1989 - 1991: Import Classes 5505.10.00.20, 5505.10.00.40 & 5505.10.00.60.
20: For 1977 - 1988: Export Classes 309.7620, .7630, .7640 & .7660.
For 1989 - 1991: Export Classes 5505.10.00.20, 5505.10.00.40 & 5505.10.00.60.
24: U.S. Census Bureau Report MQ22P.
25: U.S. Census Bureau Report MQ22D.
26: For 1977 - 1988: Import Classes 308.0220 - .2000.
28, 29, 31, 32, 34 & 35: U.S. Department of Agriculture, *Cotton and Wool Situation and Outlook Report*

CERTAIN TOTALS IN THE TABLES:
(Obvious totals such as Columns 1+2=3, 4+5=6, etc. are not described here.)
10: Columns 7+8+9.
21: Columns 18+19+20.
23: Columns 11+22.
30: Columns 23+28+29.
33: Columns 24+31+32.
36: Columns 25+34+35.

TABLE 10:
PRODUCERS' WASTE SHIPMENTS
MILLION POUNDS

YEAR	RAYON	SYNTHETIC (NONCELL.)
1965	51.5	55.2
1966	44.6	66.5
1967	36.1	92.8
1968	44.3	122.3
1969	39.4	140.3
1970	34.5	136.3
1971	36.3	157.8
1972	38.5	202.7
1973	36.8	274.8
1974	29.9	246.4
1975	13.2	228.7
1976	14.7	262.3
1977	18.5	291.0
1978	15.7	263.9
1979	17.2	238.6
1980	13.5	170.2
1981	15.3	174.2
1982	10.7	173.2
1983	9.4	214.1
1984	11.4	216.9
1985	8.8	260.2
1986	10.4	261.5
1987	9.6	239.1
1988	7.8	244.8
1989	6.0	220.8
1990	4.4	260.1
1991	4.9	277.3

TABLE 11:
RAW COTTON CONSUMPTION
BALES [a]

MONTH	1983	1984	1985	1986	1987	1988	1989	1990	1991 [b]
JANUARY	404	469	389	595	546	568	568	605	
FEBRUARY	430	447	405	499	562	590	584	633	2068
MARCH	549	547	504	492	734	738	751	794	
APRIL	431	430	406	620	573	556	623	624	
MAY	441	442	426	503	586	551	645	641	2212
JUNE	543	501	521	489	708	662	798	826	
JULY	369	354	366	522	518	433	559	560	
AUGUST	453	415	458	534	614	563	680	680	2215
SEPTEMBER	560	494	562	523	753	676	828	835	
OCTOBER	459	415	493	683	621	538	664	671	
NOVEMBER	446	382	477	529	606	509	617	610	2199
DECEMBER	468	408	480	568	610	554	653	601	
TOTAL	**5553**	**5304**	**5487**	**6557**	**7431**	**6938**	**7970**	**8080**	**8694**

SOURCE: U.S. Department of Commerce, Bureau of the Census Report M22P.

a. Running Bales of 500 lbs net.
b. 1991 data available on a quarterly basis only.

TABLE 12:
RAW SILK DELIVERIES
BALES [a]

MONTH	1983	1984	1985	1986	1987	1988	1989	1990	1991
JANUARY	280	715	462	410	411	292	358	455	124
FEBRUARY	506	537	689	504	680	430	234	352	126
MARCH	390	455	344	197	572	559	471	387	206
APRIL	462	315	480	244	526	317	329	158	187
MAY	717	636	415	225	245	302	405	342	100
JUNE	377	655	NA	227	447	189	564	150	250
JULY	264	229	NA	555	253	203	353	248	445
AUGUST	474	672	NA	NA	327	613	401	53	305
SEPTEMBER	534	532	NA	NA	330	310	288	49	220
OCTOBER	529	562	NA	NA	470	126	317	103	345
NOVEMBER	587	391	NA	NA	239	367	475	152	325
DECEMBER	324	538	NA	NA	448	108	442	139	351
TOTAL	**5444**	**6237**	**4813**	**4272**	**4948**	**3816**	**4637**	**2588**	**2984**

SOURCE: International Silk Association.
NA Monthly data not available.

a. Average Bale weight 132 lbs.

TABLE 13:
U.S. MANUFACTURED FIBER IMPORTS[a]
THOUSAND POUNDS

ITEM	1992 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1992	1991
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	748												748	311
TEXTURED	0												0	0
OTHER	2637												2637	1845
MONOFILAMENTS & STRIPS	11												11	1
SUBTOTAL ABOVE	3396												3396	2157
STAPLE	11373												11373	8891
TOW	103												103	626
TOPS	0												0	0
SUBTOTAL ABOVE	11476												11476	9517
WASTE	0												0	87
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	913												913	1173
TEXTURED														
UP TO 450 DENIER	411												411	198
OVER 450 DENIER	3249												3249	1197
POY	2498												2498	2103
OTHER	2245												2245	834
MONOFILAMENTS & STRIPS	172												172	150
SUBTOTAL ABOVE	9488												9488	5655
POLYESTER														
HIGH TENACITY	1142												1142	735
TEXTURED	630												630	833
POY	728												728	207
OTHER	1229												1229	1548
MONOFILAMENTS & STRIPS	38												38	41
SUBTOTAL ABOVE	3767												3767	3414
OTHER SYNTHETIC FILAMENT														
TEXTURED	212												212	248
OTHER	1496												1496	841
MONOFILAMENTS & STRIPS	804												804	532
SUBTOTAL ABOVE	2512												2512	1621
STAPLE														
NYLON	2554												2554	1879
POLYESTER	14654												14654	14049
ACRYLIC	1607												1607	853
POLYPROPYLENE	168												168	134
OTHER	242												242	276
TOW														
NYLON	701												701	591
POLYESTER	35												35	35
ACRYLIC	2009												2009	2869
OTHER	0												0	16
TOPS	757												757	149
SUBTOTAL ABOVE	22727												22727	20851
WASTE														
NYLON	791												791	2030
POLYESTER	1022												1022	2217
OTHER	606												606	309
TOTAL MANUFACTURED-FIBERS ABOVE	55785												55785	47858
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	251												251	49
SPUN YARN	318												318	579
SPUN YARNS														
SYNTHETIC	904												904	431
ARTIFICIAL	0												0	0
PUT UP FOR RETAIL SALE	48												48	67
GRAND TOTAL ABOVE	57306												57306	48984

SOURCE: U.S. Census Bureau Report IM145X

a. U.S. General Imports

TABLE 14:
U.S. MANUFACTURED FIBER EXPORTS
THOUSAND POUNDS

ITEM	1992 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1992	1991
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	13												13	134
TEXTURED	7												7	65
OTHER	247												247	211
MONOFILAMENTS & STRIPS	19												19	2
SUBTOTAL ABOVE	**286**												**286**	**412**
STAPLE	1371												1371	970
TOPS	1910												1910	0
SUBTOTAL ABOVE	**3281**												**3281**	**970**
WASTE	**229**												**229**	**527**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	4619												4619	8070
TEXTURED														
UP TO 450 DENIER	923												923	1068
OVER 450 DENIER	6214												6214	4023
POY	52												52	61
OTHER	3119												3119	3060
MONOFILAMENTS & STRIPS	29												29	34
SUBTOTAL ABOVE	**14956**												**14956**	**16316**
POLYESTER														
HIGH TENACITY	4556												4556	5640
TEXTURED	5546												5546	5014
POY	884												884	657
OTHER	629												629	2391
MONOFILAMENTS & STRIPS	113												113	138
SUBTOTAL ABOVE	**11728**												**11728**	**13840**
OTHER SYNTHETIC FILAMENT														
TEXTURED	596												596	603
OTHER	1569												1569	2963
MONOFILAMENTS & STRIPS	967												967	1050
SUBTOTAL ABOVE	**3132**												**3132**	**4616**
STAPLE														
NYLON	2465												2465	2146
POLYESTER	7763												7763	6379
ACRYLIC	1251												1251	2431
POLYPROPYLENE	3041												3041	3302
OTHER	454												454	1489
TOW														
NYLON	340												340	253
POLYESTER	108												108	58
ACRYLIC	556												556	1511
OTHER	1												1	14
TOPS	9392												9392	11009
SUBTOTAL ABOVE	**25371**												**25371**	**28592**
WASTE														
NYLON	2800												2800	2788
POLYESTER	3787												3787	2989
OTHER	6168												6168	6305
TOTAL MANUFACTURED FIBERS ABOVE	**71738**												**71738**	**77355**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	610												610	827
SPUN YARN	278												278	159
SPUN YARNS														
SYNTHETIC	2038												2038	891
ARTIFICIAL	526												526	123
PUT UP FOR RETAIL SALE	2727												2727	1488
GRAND TOTAL ABOVE	**77917**												**77917**	**80843**

SOURCE: U.S. Census Bureau Report EM522

TABLE 15:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1992 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1992	1991
ARTIFICIAL (CELLULOSIC) YARN, MONOFIL & STRIPS														
AUSTRIA	157												157	123
BELGIUM	100												100	3
BRAZIL	54												54	109
CANADA	1201												1201	775
CHILE	0												0	44
WEST GERMANY	694												694	478
JAPAN	176												176	111
MEXICO	107												107	150
NETHERLANDS	516												516	263
UNITED KINGDOM	383												383	86
ALL OTHER COUNTRIES [a]	8												8	15
TOTAL ARTIFICIAL YARN	3396												3396	2157
ARTIFICIAL (CELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	1567												1567	1339
CANADA	4675												4675	3228
CHINA, PRC	0												0	321
FINLAND	424												424	309
WEST GERMANY	41												41	515
JAPAN	85												85	84
TAIWAN	220												220	1336
THAILAND	189												189	763
UNITED KINGDOM	702												702	815
YUGOSLAVIA	298												298	584
ALL OTHER COUNTRIES [b]	3275												3275	223
TOTAL ARTIFICIAL STAPLE+TOW	11476												11476	9517
SYNTHETIC (NONCELLULOSIC) YARN, MONOFIL & STRIPS														
BELGIUM	3												3	239
BRAZIL	0												0	0
CANADA	4980												4980	2668
COSTA RICA	485												485	725
ECUADOR	0												0	0
FRANCE	1128												1128	627
WEST GERMANY	1433												1433	1556
IRELAND	78												78	147
ISRAEL	294												294	50
ITALY	209												209	106
JAPAN	1687												1687	853
KOREA, REP. OF	179												179	117
MEXICO	1047												1047	1414
NETHERLANDS	412												412	223
TAIWAN	680												680	89
THAILAND	107												107	61
UNITED KINGDOM	2218												2218	1740
ALL OTHER COUNTRIES [c]	827												827	75
TOTAL SYNTHETIC YARN	15767												15767	10690
SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	22												22	15
AUSTRALIA	31												31	75
BRAZIL	2												2	0
CANADA	3647												3647	1378
FRANCE	551												551	544
WEST GERMANY	1983												1983	1136
INDIA	93												93	3008
IRELAND	468												468	0
ITALY	291												291	176
JAPAN	2185												2185	2386
KOREA, REP. OF	4674												4674	4958
MALAYSIA	88												88	0
MEXICO	1981												1981	1957
SPAIN	62												62	14
SWITZERLAND	364												364	117
TAIWAN	4520												4520	3102
TURKEY	127												127	0
UNITED KINGDOM	1444												1444	1848
ALL OTHER COUNTRIES [d]	194												194	137
TOTAL SYNTHETIC STAPLE+TOW	22727												22727	20851

a. Uruguay 3, France 2, Italy 2, China, PRC 1.

b. Korea, Rep. of 2792, Spain 287, Sweden 112, Belgium 44, Czechoslovakia 40.

c. South Africa 543, Portugal 160, Switzerland 49, Australia 25, Spain 20, Turkey 16, Hong Kong 8, Sweden 3, China, PRC 2, Argentina 1.

d. Israel 55, Hong Kong 44, Colombia 41, Denmark 36, USSR 15, China, PRC 2, Netherlands 1.

TABLE 16:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1991 - REVISED												YEAR TO DATE[a]	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1991	1990
MANUFACTURED FIBER TOTAL SHIPMENTS[b,c]														
ARTIFICIAL (CELLULOSIC)														
YARN	14.8	16.4	16.2	20.3	18.0	17.7	19.0	17.4	17.7	19.4	16.0	19.3	212.2	206.7
RAYON STAPLE	20.4	16.2	22.1	21.4	25.7	22.7	24.1	24.7	22.1	23.2	20.7	20.3	263.6	304.2
TOTAL ARTIFICIAL (CELLULOSIC)	35.2	32.6	38.3	41.7	43.7	40.4	43.1	42.1	39.8	42.6	36.7	39.6	475.8	510.9
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	29.2	28.1	26.5	27.9	28.6	24.4	22.8	25.5	26.3	27.9	23.6	23.5	314.3	341.2
- CARPET	69.4	54.5	63.8	80.3	85.8	80.4	85.6	92.0	90.9	91.0	70.8	72.1	936.6	986.0
- TEXTILE	34.2	30.0	28.8	32.9	33.0	28.6	31.6	32.6	32.6	36.2	31.3	31.3	383.1	369.1
POLYESTER - INDUSTRIAL[d]	25.0	27.0	26.5	29.1	29.0	29.1	26.6	28.9	26.9	32.4	28.3	26.9	335.7	360.9
- TEXTILE[f]	67.9	61.5	64.4	75.9	74.4	68.5	75.9	74.3	72.5	82.9	72.1	70.5	860.8	770.2
OLEFIN[e]	103.4	104.4	109.4	119.2	121.1	121.1	114.9	125.0	126.6	126.6	119.7	113.5	1404.9	1426.3
TOTAL YARN	329.1	305.5	319.4	365.3	371.9	352.1	357.4	378.3	375.8	397.0	345.8	337.8	4235.4	4253.7
STAPLE+TOW+FIBERFILL														
NYLON	66.8	54.7	64.1	78.1	77.8	70.7	76.2	84.1	79.9	81.5	62.5	66.1	862.5	974.7
ACRYLIC+MODACRYLIC	36.5	34.8	35.5	34.2	37.5	42.0	33.1	40.0	37.0	45.0	36.5	35.0	447.1	500.6
POLYESTER	168.6	159.6	166.1	191.7	191.3	171.6	185.3	197.0	190.5	227.0	189.4	193.5	2231.6	2098.7
OLEFIN	34.7	30.9	34.6	38.5	40.7	37.5	38.1	44.0	38.5	44.1	41.5	33.1	456.2	410.6
TOTAL STAPLE	306.6	280.0	300.3	342.5	347.3	321.8	332.7	365.1	345.9	397.6	329.9	327.7	3997.4	3984.6
TOTAL SYNTHETIC (NONCELLULOSIC)	635.7	585.5	619.7	707.8	719.2	673.9	690.1	743.4	721.7	794.6	675.7	665.5	8232.8	8238.3
TOTAL MANUFACTURED FIBER	670.9	618.1	658.0	749.5	762.9	714.3	733.2	785.5	761.5	837.2	712.4	705.1	8708.6	8749.2
MANUFACTURED FIBER END-OF-MONTH STOCK														
ARTIFICIAL (CELLULOSIC)														
YARN	10.2	9.6	10.0	9.6	9.4	9.4	9.6	9.4	9.8	9.9	10.3	10.4	10.4	9.4
RAYON STAPLE	22.4	27.3	26.0	26.6	23.9	24.9	25.9	24.8	23.7	23.2	24.9	27.0	27.0	17.3
TOTAL ARTIFICIAL (CELLULOSIC)	32.6	36.9	36.0	36.2	33.3	34.3	35.5	34.2	33.5	33.1	35.2	37.4	37.4	26.7
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	25.0	23.9	24.7	26.9	26.1	28.2	30.8	29.7	31.0	31.6	29.6	32.1	32.1	24.4
- CARPET	72.0	80.6	77.6	66.3	58.5	58.4	59.9	52.1	47.1	50.3	64.3	80.7	80.7	57.8
- TEXTILE[f]	46.2	46.2	45.1	45.6	47.3	48.9	50.4	49.5	48.4	45.7	44.3	47.3	47.3	45.8
POLYESTER - INDUSTRIAL[d]	41.0	43.0	41.8	44.6	42.5	40.6	39.3	38.1	37.9	35.8	34.6	37.9	37.9	36.5
- TEXTILE[f]	86.4	93.4	93.9	90.5	90.7	91.7	92.2	86.1	89.3	83.6	82.1	93.3	93.3	83.3
OLEFIN[e]	61.5	59.7	61.1	59.8	56.4	53.3	53.4	53.7	56.1	57.9	59.9	59.7	59.7	56.4
TOTAL YARN	332.1	346.8	344.2	333.7	321.5	321.1	326.0	309.2	309.8	304.9	314.8	351.0	351.0	304.2
STAPLE+TOW+FIBERFILL														
NYLON	71.0	81.6	79.7	68.2	61.2	59.5	61.9	57.3	56.5	56.3	69.1	71.0	71.0	64.7
ACRYLIC+MODACRYLIC	73.4	72.4	67.9	72.1	74.9	70.6	78.0	79.3	80.3	77.7	78.0	78.5	78.5	71.7
POLYESTER	192.7	189.5	192.0	185.8	170.5	162.0	174.9	164.7	157.9	148.6	143.5	152.4	152.4	181.1
OLEFIN	29.8	30.0	31.5	33.3	30.1	30.1	30.2	26.0	26.5	26.5	28.9	31.8	31.8	29.5
TOTAL STAPLE	366.9	373.5	371.1	359.4	336.7	322.2	345.0	327.3	321.2	309.1	319.5	333.7	333.7	347.0
TOTAL SYNTHETIC (NONCELLULOSIC)	699.0	720.3	715.3	693.1	658.2	643.3	671.0	636.5	631.0	614.0	634.3	684.7	684.7	651.2
TOTAL MANUFACTURED FIBER	731.6	757.2	751.3	729.3	691.5	677.6	706.5	670.7	664.5	647.1	669.5	722.1	722.1	677.9
	COTTON & WOOL CONSUMPTION[g]													
	1ST QUARTER		2ND QUARTER		3RD QUARTER		4TH QUARTER							
RAW COTTON	1032.9		1109.5		1108.3		1096.8						4347.5	4036.5
APPAREL CLASS WOOL	35.5		40.6		37.4		37.3						150.8	121.9
CARPET CLASS WOOL	3.1		3.1		4.6		3.6						14.4	13.5
TOTAL RAW WOOL	38.6		43.7		42.0		40.9						165.2	135.4

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.
g. **Cotton and Wool data for 1991 available on a quarterly basis only.**

TABLE 17:
FILAMENT YARN DOMESTIC SHIPMENTS [a]

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1990				1991			
		1988	1989	1990	1991	1ST Q	2ND Q	3RD Q	4TH Q	1ST Q	2ND Q	3RD Q	4TH Q
HOSIERY [b]	N	100.3	j	j	j	j	j	j	j	j	j	j	j
OTHER CIRCULAR KNIT [c]	N	26.4	139.1	128.1	136.0	29.8	34.7	29.8	33.8	34.1	33.9	31.8	36.2
	P	119.5	132.4	129.8	146.9	28.0	31.6	34.0	36.2	27.1	31.2	40.7	47.9
	C	0.6	0.5	0.8	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
FLAT KNIT	C	24.3	21.4	15.0	12.3	5.1	4.5	2.9	2.5	3.7	4.5	2.2	1.9
	N	133.4	125.2	103.7	106.9	23.3	26.2	27.7	26.5	25.3	24.6	28.8	28.2
	P	162.1	181.0	142.7	169.8	33.6	38.7	35.4	35.0	37.4	42.6	43.8	46.0
CARPET FACE	N	938.3	932.3	948.7	894.7	239.6	232.1	232.6	244.4	177.4	236.6	258.1	222.6
	O	266.6	249.9	360.4	420.8	84.7	89.5	95.5	90.7	90.4	107.4	112.2	110.8
CARPET BACKING [d]	O	427.0	463.4	447.5	413.3	116.7	117.3	111.3	102.2	96.5	102.7	109.5	104.6
OTHER BROAD WOVEN [e]	C	141.9	149.4	152.9	165.8	33.8	37.0	41.5	40.6	34.4	42.8	43.7	44.9
	N	78.3	88.8	95.5	93.6	24.9	24.1	24.1	22.4	20.9	21.9	25.3	25.5
	P	391.3	360.7	353.3	383.2	84.0	94.5	91.9	82.9	86.8	97.7	100.2	98.5
	O	337.3	337.5	415.0	387.4	91.1	111.8	109.2	102.9	84.1	102.7	102.3	98.3
NARROW WOVEN [f]	C	4.4	4.4	3.2	0.5	0.8	1.3	0.5	0.6	0.2	0.1	0.1	0.1
	N	42.0	36.9	35.7	38.3	8.2	8.8	9.3	9.4	9.9	10.4	8.9	9.1
	P	81.0	76.4	73.1	69.9	16.6	17.9	17.8	20.8	13.3	18.7	19.4	18.5
	O	19.0	19.8	17.3	17.9	3.9	4.4	4.7	4.3	3.9	4.7	4.7	4.6
TIRES, INCL. CHAFER [g]	N	132.2	135.7	128.2	121.2	31.0	32.8	32.4	32.0	34.5	30.5	28.5	27.7
	P	171.8	174.9	167.2	155.0	41.2	42.9	40.4	42.7	37.4	39.7	37.8	40.1
OTHER RUBBER INDUSTRY [c g]	N	20.4	18.1	19.1	19.7	5.0	4.6	4.3	5.2	5.1	4.7	4.8	5.1
	P	25.2	32.7	40.7	36.9	8.4	13.0	9.4	9.9	8.4	9.9	8.9	9.7
ROPE, CORDAGE & FISHLINE	N	36.4	34.2	39.2	36.1	9.5	9.3	9.9	10.5	8.8	9.9	9.0	8.4
	P	12.5	14.4	15.1	13.7	4.0	3.8	3.8	3.5	3.4	2.7	3.8	3.8
	O	120.3	125.6	120.8	101.0	28.6	30.6	25.2	36.4	26.3	26.1	22.3	26.3
ALL OTHER [h]	C	11.4	11.6	0.8	0.5	0.2	0.3	0.2	0.1	0.2	0.1	0.1	0.1
	N	64.7	65.0	39.3	47.4	11.2	10.6	7.7	9.8	11.1	14.2	12.5	9.6
	P	194.0	138.2	124.3	138.6	25.9	29.5	27.2	41.7	35.3	41.2	32.7	29.4
	O	29.6	29.8	43.9	40.2	10.8	11.8	10.6	10.7	10.8	9.4	10.3	9.7
TOTAL ABOVE	**C**	**182.6**	**187.3**	**172.7**	**179.9**	**40.1**	**43.3**	**45.3**	**44.0**	**38.7**	**47.7**	**46.3**	**47.2**
	N	**1572.4**	**1575.3**	**1537.5**	**1493.9**	**382.5**	**383.2**	**377.8**	**394.0**	**327.1**	**386.7**	**407.7**	**372.4**
	P	**1157.4**	**1110.7**	**1046.2**	**1114.0**	**241.7**	**271.9**	**259.9**	**272.7**	**249.1**	**283.7**	**287.3**	**293.9**
	O	1199.8	1226.0	1404.9	1380.6	335.8	365.4	356.5	347.2	312.0	353.0	361.3	354.3
TOTAL DOMESTIC		**4112.2**	**4099.3**	**4161.3**	**4168.4**	**1000.1**	**1063.8**	**1039.5**	**1057.9**	**926.9**	**1071.1**	**1102.6**	**1067.8**
ALSO DIVIDED AS													
APPAREL		*941.2*	*924.7*	*846.7*	*950.5*	*191.6*	*216.6*	*210.8*	*227.7*	*217.1*	*239.9*	*241.2*	*252.3*
HOME TEXTILES		*1902.6*	*1927.2*	*2036.5*	*2002.8*	*511.3*	*514.9*	*512.9*	*497.4*	*426.6*	*519.9*	*551.1*	*505.2*
INDUSTRIAL		*1268.4*	*1247.4*	*1278.1*	*1215.1*	*297.2*	*332.3*	*315.8*	*332.8*	*283.2*	*311.3*	*310.3*	*310.3*
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET) [i]													
NYLON		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYESTER		649.9	597.3	560.4	655.9	123.2	144.6	140.3	152.3	146.7	164.2	167.7	177.3
OLEFIN		24.4	26.0	28.7	NA	7.4	8.0	6.9	6.4	6.0	7.9	NA	NA

(C) ARTIFICIAL (CELLULOSIC) YARN (N) NYLON (P) POLYESTER (O) OLEFIN

NA No longer available.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene

b. Small quantities of polyester and artificial (cellulosic) yarn are included in All Other.

c. Small quantities of olefin are included in All Other.

d. Small quantities of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Artificial (cellulosic) yarn quantities included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin quantities include sliver knit backing. Also includes indirect exports.

i. These quantities are included in the Total Domestic area above.

j. Nylon quantities are included in Other Circular Knit.

TABLE 18:
STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA 1988	1989	1990	1991	QUARTERLY DATA 1990 1ST Q	2ND Q	3RD Q	4TH Q	1991 1ST Q	2ND Q	3RD Q	4TH Q
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	183.2	174.5	139.7	135.2	41.0	32.0	32.2	34.5	30.1	38.0	32.4	34.7
	NPR	2.7	2.1	2.4	2.4	0.6	0.5	0.6	0.7	0.6	0.4	0.7	0.7
PILE FABRICS[b]	A	21.3	20.0	15.2	11.1	4.2	4.4	3.5	3.1	2.5	3.4	3.1	2.1
	P	14.7	15.3	12.4	9.5	3.5	3.5	2.8	2.6	2.8	2.6	2.1	2.0
OTHER CIRCULAR KNIT + FLAT KNIT[c]	R	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	A	139.0	132.4	109.0	94.8	32.5	33.8	26.0	16.7	24.4	25.4	26.6	18.4
	P	470.0	519.5	485.3	483.7	123.4	129.1	117.8	115.0	109.4	123.0	121.3	130.0
BLANKETS[b]	A	25.1	29.8	i	i	i	i	i	i	i	i	i	i
	P	6.9	9.2	3.3	4.2	1.4	0.6	0.5	0.8	0.3	0.8	0.6	2.5
OTHER BROAD WOVEN	R	243.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	N	35.2	32.7	26.9	j	6.2	8.6	7.0	5.1	j	j	j	j
	A	39.3	40.5	50.7	50.3	13.4	13.7	11.6	12.0	10.9	14.1	14.2	11.1
	P	863.5	821.8	687.4	682.1	165.7	172.8	172.0	176.9	156.3	162.4	175.3	188.1
	O	17.1	21.6	18.3	35.8	5.2	4.4	4.9	3.8	8.6	9.6	9.8	7.8
CARPET FACE YARNS[f]	R	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	N	887.7	894.9	896.8	768.9	230.2	227.9	223.4	215.3	162.2	202.0	216.4	188.3
	P	261.2	211.6	166.5	230.4	48.0	40.1	40.4	38.0	38.2	58.8	60.5	72.9
	O	133.2	137.7	127.4	123.4	34.2	33.7	31.4	28.1	23.9	32.2	33.2	34.1
FIBERFILL[d]	P	357.2	349.5	376.3	429.5	90.6	91.4	93.4	100.9	96.5	107.5	113.1	112.4
FLOCK	NP	6.9	7.5	9.6	12.4	1.9	2.6	2.2	2.9	3.3	2.7	3.1	3.3
	R	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NONWOVENS[e]	R	122.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	N	2.1	2.4	2.9	j	0.6	0.7	0.9	0.7	j	j	j	j
	P	244.1	271.5	239.9	237.3	54.4	60.0	59.8	65.7	57.1	58.0	61.8	60.4
	g VINYON+O	180.9	194.8	232.5	271.6	52.2	61.8	57.6	60.9	63.1	66.8	70.4	71.3
ALL OTHER	R	17.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	N	13.7	17.8	13.9	53.2	3.9	3.2	2.1	4.7	13.6	14.6	13.4	11.6
	A	13.2	17.4	37.6	27.8	7.7	10.1	10.7	9.1	8.2	6.2	6.5	6.9
	P	91.3	61.0	42.0	49.3	14.8	12.9	7.1	7.2	6.7	12.2	13.3	17.1
	g VINYON+O	8.0	9.3	9.7	6.7	2.4	2.1	2.9	2.3	1.5	2.0	1.6	1.6
TOTAL ABOVE	**R**	**386.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
	N	**944.9**	**955.3**	**950.2**	**835.0**	**242.6**	**243.1**	**235.7**	**228.8**	**179.1**	**219.5**	**233.1**	**203.3**
	A	**421.1**	**414.8**	**352.2**	**319.2**	**98.8**	**94.0**	**84.0**	**75.4**	**76.1**	**87.1**	**82.8**	**73.2**
	P	**2311.8**	**2261.3**	**2015.4**	**2127.9**	**502.6**	**510.8**	**494.3**	**507.7**	**467.9**	**525.5**	**548.5**	**586.0**
	g VINYON+O	**344.2**	**363.4**	**387.9**	**437.5**	**94.0**	**102.0**	**96.8**	**95.1**	**97.1**	**110.6**	**115.0**	**114.8**
TOTAL DOMESTIC		**4408.0**	**3994.8**	**3705.7**	**3719.6**	**938.0**	**949.9**	**910.8**	**907.0**	**820.2**	**942.7**	**979.4**	**977.3**
ALSO DIVIDED AS													
APPAREL		*1421.6*	*1266.9*	*1061.6*	*1023.2*	*278.8*	*274.0*	*259.0*	*249.8*	*236.2*	*263.8*	*261.2*	*262.0*
HOME TEXTILES		*1827.5*	*1695.7*	*1597.4*	*1517.3*	*414.0*	*405.2*	*392.8*	*385.4*	*315.2*	*385.4*	*408.2*	*408.5*
INDUSTRIAL		*1158.9*	*1032.3*	*1046.7*	*1179.1*	*245.2*	*270.7*	*259.0*	*271.8*	*268.8*	*293.5*	*310.0*	*306.8*

(R) RAYON[h] *(N) NYLON* *(A) ACRYLIC+MODACRYLIC* *(P) POLYESTER* *(O) OLEFIN*

NA No longer available.

a. Olefin quantities are included in All Other
b. Rayon and nylon quantities are included in All Other
c. Nylon quantities are included in All Other
d. Rayon, acrylic and nylon quantities are included in All Other
e. Wet & dry laid and needled batts only
f. Acrylic and nylon quantities are included in All Other
g. Data exclude Vinyon
h. Rayon staple+tow data no longer available in 1989-1991
i. Acrylic quantities are included in All Other
j. Nylon quantities are included in All Other

TABLE 19:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1992 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1992	1991
MANUFACTURED FIBER TOTAL SHIPMENTS[b,c]														
ARTIFICIAL (CELLULOSIC)														
YARN	16.8	17.9											34.7	31.2
RAYON STAPLE	23.0	21.0											44.0	36.6
TOTAL ARTIFICIAL (CELLULOSIC)	39.8	38.9											78.7	67.8
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	25.2	23.2											48.4	57.3
- CARPET	81.8	77.4											159.2	123.9
- TEXTILE[f]	33.9	29.2											63.1	64.2
POLYESTER - INDUSTRIAL[d]	30.4	28.7											59.1	52.0
- TEXTILE[f]	71.2	68.0											139.2	129.4
OLEFIN[e]	108.7	113.5											222.2	207.8
TOTAL YARN	351.2	340.0											691.2	634.6
STAPLE+TOW+FIBERFILL														
NYLON	71.4	63.7											135.1	121.5
ACRYLIC+MODACRYLIC	35.1	33.5											68.6	71.3
POLYESTER	195.1	186.8											381.9	328.2
OLEFIN	35.7	38.1											73.8	65.6
TOTAL STAPLE	337.3	322.1											659.4	586.6
TOTAL SYNTHETIC (NONCELLULOSIC)	688.5	662.1											1350.6	1221.2
TOTAL MANUFACTURED FIBER	728.3	701.0											1429.3	1289.0
MANUFACTURED FIBER END-OF-MONTH STOCK														
ARTIFICIAL (CELLULOSIC)														
YARN	11.3	11.2											11.2	9.6
RAYON STAPLE	25.6	25.7											25.7	27.3
TOTAL ARTIFICIAL (CELLULOSIC)	36.9	36.9											36.9	36.9
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	30.7	29.6											29.6	23.9
- CARPET	82.8	81.3											81.3	80.6
- TEXTILE[f]	43.2	48.3											48.3	46.2
POLYESTER - INDUSTRIAL[d]	34.7	35.0											35.0	43.0
- TEXTILE[f]	98.0	98.7											98.7	93.4
OLEFIN[e]	58.8	59.5											59.5	59.7
TOTAL YARN	348.2	352.4											352.4	346.8
STAPLE+TOW+FIBERFILL														
NYLON	64.0	63.6											63.6	81.6
ACRYLIC+MODACRYLIC	82.3	83.1											83.1	72.4
POLYESTER	144.3	147.3											147.3	189.5
OLEFIN	33.6	35.3											35.3	30.0
TOTAL STAPLE	324.2	329.3											329.3	373.5
TOTAL SYNTHETIC (NONCELLULOSIC)	672.4	681.7											681.7	720.3
TOTAL MANUFACTURED FIBER	709.3	718.6											718.6	757.2
COTTON & WOOL CONSUMPTION														
RAW COTTON														
APPAREL CLASS WOOL														
CARPET CLASS WOOL														
TOTAL RAW WOOL														

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.